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American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT

VOL. 71 For Week Ended October 12, 1990 NO. 41

SUMMARY*

(In Thousands of 42-gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 10/12/90	Last Week Ending: 10/05/90	Last Year Week Ending: 10/13/89	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	13,380	13,655	13,608	-275	-228
Operable capacity	15,591	15,591	15,576	0	15
Percent operated	85.8	87.6	87.4		
Motor Gasoline					
Total motor gasoline production	7,082	6,985	7,058	97	24
Finished leaded motor gasoline production	285	353	563	-68	-278
Finished unleaded motor gasoline production	6,797	6,632	6,495	165	302
Total motor gasoline stocks	225,927	225,679	225,255	248	672
Finished leaded motor gasoline stocks	10,543	10,863	21,271	-320	-10,728
Finished unleaded motor gasoline stocks	175,022	174,137	164,458	885	10,564
Jet Fuel Kerosine					
Jet fuel kerosine production	1,457	1,321	1,252	136	205
Jet fuel kerosine stocks	43,476	43,128	42,709	348	767
Distillate Fuel Oil					
Distillate fuel oil production	2,927	2,909	2,902	18	25
Distillate fuel oil stocks	135,937	133,279	120,340	2,658	15,597
Residual Fuel Oil					
Residual fuel oil production	838	890	995	-52	-157
Residual fuel oil stocks	50,819	50,476	45,917	343	4,902
Imports					
Crude oil imports	5,046	5,543	6,477	-497	-1,431
Product imports	1,289	1,582	1,911	-293	-622
Crude Oil Stocks					
Crude oil stocks	343,257	349,495	342,758	-6,238	499
Crude Supply Balance	189				

*See definitions on page 6.

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,435	1,134	1,134	1,384	81.9
Appal. No. 1	111	102	102	124	82.3
DISTRICT 1 TOTAL	1,546	1,236	1,236	1,508	82.0
Ind., Ill., Ky.	2,262	2,003	2,003	2,195	91.3
Minn., Wisc., Daks.	338	331	333	343	97.1
Okla., Kans., Mo.	749	639	648	737	87.9
DISTRICT 2 TOTAL	3,349	2,973	2,984	3,275	91.1
Inland Texas	532	517	525	584	89.9
Texas Gulf Coast	2,961	2,599	2,661	3,339	79.7
La. Gulf Coast	2,589	2,466	2,512	2,903	86.5
N. La. and Ark.	216	197	203	257	79.0
New Mexico	85	72	72	78	92.3
DISTRICT 3 TOTAL	6,383	5,851	5,973	7,161	83.4
DISTRICT 4 TOTAL	476	433	441	556	79.3
DISTRICT 5 TOTAL	2,824	2,639	2,746	3,091	88.8
TOTAL U.S.	14,578	13,132	13,380	15,591	85.8
TOTAL U.S. Weeks Ended:					
OCT. 5, 1990	15,083	13,487	13,655	15,591	87.6
OCT. 13, 1989	14,692	13,438	13,608	15,576	87.4
DISTRICTS 1-4 Weeks Ended:					
OCT. 12, 1990	11,754	10,493	10,634	12,500	85.1
OCT. 5, 1990	12,246	10,775	10,887	12,500	87.1
OCT. 13, 1989	11,986	10,846	10,908	12,538	87.0

API WEEKLY STATISTICAL BULLETIN

Week Ended October 12, 1990

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	587	--	587	13	118	348	103
Appal. No. 1	37	--	37	--	--	30	1
DISTRICT 1 TOTAL	624	--	624	13	118	378	104
Ind., Ill., Ky.	1,288	5	1,283	2	133	446	49
Minn., Wisc., Daks.	178	2	176	2	16	101	7
Okla., Kans., Mo.	420	36	384	3	58	173	3
DISTRICT 2 TOTAL	1,886	43	1,843	7	207	720	59
Inland Texas	298	20	278	20	47	129	11
Texas Gulf Coast	1,454	6	1,448	40	299	537	179
La. Gulf Coast	1,211	--	1,211	12	365	522	135
N. La. and Ark.	71	--	71	5	2	54	8
New Mexico	47	10	37	10	--	19	1
DISTRICT 3 TOTAL	3,081	36	3,045	87	713	1,261	334
DISTRICT 4 TOTAL	235	53	182	16	16	129	11
DISTRICT 5 TOTAL	1,256	153	1,103	60	403	439	330
TOTAL U.S.	7,082	285	6,797	183	1,457	2,927	838
TOTAL U.S. Weeks Ended:							
OCT. 5, 1990	6,985	353	6,632	202	1,321	2,909	890
OCT. 13, 1989	7,058	563	6,495	187	1,252	2,902	995
DISTRICTS 1-4 Weeks Ended:							
OCT. 12, 1990	5,826	132	5,694	123	1,054	2,488	508
OCT. 5, 1990	5,811	149	5,662	157	966	2,452	529
OCT. 13, 1989	5,832	323	5,509	156	936	2,438	620

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

API WEEKLY STATISTICAL BULLETIN

Week Ended October 12, 1990

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	4,227	12	4,214	1	88	641	6,699	559	--
Central Atlantic	27,401	31	22,649	4,721	285	5,817	40,595	21,049	12,188
Lower Atlantic	31,042	19	30,791	232	465	5,409	16,549	2,297	377
DISTRICT 1 TOTAL	62,670	62	57,654	4,954	838	11,867	63,843	23,905	12,565
DISTRICT 2 TOTAL	61,438	3,209	49,687	8,542	965	8,887	29,119	4,205	15,913
DISTRICT 3 TOTAL	63,834	755	45,748	17,331	2,222	15,295	28,896	15,297	51,732
DISTRICT 4 TOTAL	6,073	1,268	2,978	1,827	392	607	2,565	559	2,150
DISTRICT 5 TOTAL	31,912	5,249	18,955	7,708	1,753	6,820	11,514	6,853	26,269
TOTAL U.S.	225,927	10,543	175,022	40,362	6,170	43,476	135,937	50,819	108,629
TOTAL U.S. Weeks Ended:									
OCT. 5, 1990	225,679	10,863	174,137	40,679	6,124	43,128	133,279	50,476	110,865
OCT. 13, 1989	225,255	21,271	164,458	39,526	6,426	42,709	120,340	45,917	106,363
DISTRICTS 1-4 Weeks Ended:									
OCT. 12, 1990	194,015	5,294	156,067	32,654	4,417	36,656	124,423	43,966	82,360
OCT. 5, 1990	194,448	5,444	156,211	32,793	4,570	36,493	121,658	43,934	84,787
OCT. 13, 1989	196,445	15,693	148,572	32,180	4,847	37,185	109,405	38,119	81,639

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoln

[2]Includes Grade No. 4 fuel oil.

API WEEKLY STATISTICAL BULLETIN
Week Ended October 12, 1990

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS, CRUDE OIL SUPPLY BALANCE AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy May 1990	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
OCT. 12, 1990	4,338.0	4,461.0	4,719	571	270,942
OCT. 5, 1990	4,371.0*	--	5,292*	603	276,558*
SEP. 28, 1990	4,371.0*	--	5,325	638	283,130
SEP. 21, 1990	4,371.0*	--	5,826	692	287,263
DISTRICT 5 TOTAL					
OCT. 12, 1990	2,787.0	2,741.0	327	--	72,315 #
OCT. 5, 1990	2,633.0*	--	251	--	72,937
SEP. 28, 1990	2,633.0*	--	134	11	71,514
SEP. 21, 1990	2,633.0*	--	206	--	76,749
TOTAL U.S.					
OCT. 12, 1990	7,125.0	7,202.0	5,046	571	343,257 #
OCT. 5, 1990	7,004.0*	--	5,543*	603	349,495*
SEP. 28, 1990	7,004.0*	--	5,459	649	354,644
SEP. 21, 1990	7,004.0*	--	6,032	692	364,012
OCT. 13, 1989	7,453.0 a/	--	6,477	508	342,758

#INCLUDES 17,200 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

a/ DOE actual for October 1989.

DAILY AVERAGE CRUDE OIL SUPPLY BALANCE[1] (In thousands of 42-gallon barrels)

Week Ended:	Current	1989 Averages Absolute	1989 Averages Positive	1989 Averages Negative
OCT. 12, 1990	189	451	493	-390

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
OCT. 12, 1990	15,813	71,918	171,888	11,323	270,942	72,315 #	343,257 #
OCT. 5, 1990	17,332	72,964	176,007*	10,255	276,558*	72,937	349,495*
OCT. 13, 1989	16,228	69,609	165,058	11,535	262,430	80,328	342,758

[1]See definitional notes, Page 6.

* See Revisions on Page 8.

IMPORTS OF PETROLEUM PRODUCTS
(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Gasoline[2] Blending Components	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[3]	Residual Fuel Oil	L.P.G.	Unfinished Oils	Other	Total
New England	4	--	4	--	--	--	29	--	2	--	--	35
Central Atlantic	4	--	4	22	--	--	5	206	104	139	11	491
Lower Atlantic	80	--	80	--	--	30	12	20	38	--	--	180
DISTRICT 1 TOTAL												
OCT. 12, 1990	88	--	88	22	--	30	46	226	144	139	11	706
OCT. 5, 1990	209	--	209	20	--	48	178	328	10	80	61	934
SEP. 28, 1990	443	--	443	69	--	36	329	264	24	214	78	1,457
SEP. 21, 1990	210	19	191	32	--	64	217	250	12	82	81	948
DISTRICTS 2-4 TOTAL												
OCT. 12, 1990	2	--	2	42	2	5	1	3	130	363	19	567
OCT. 5, 1990	3	--	3	4	--	60	3	5	86*	302	157	620*
SEP. 28, 1990	7	--	7	9	2	50	6	5	169	280	345	873
SEP. 21, 1990	2	--	2	43	2	8	2	5	135	146	93	436
DISTRICT 5 TOTAL												
OCT. 12, 1990	6	--	6	--	--	1	--	--	8	--	1	16
OCT. 5, 1990	4	--	4	--	--	5	1	4	3	--	11	28
SEP. 28, 1990	30	--	30	--	--	3	2	38*	9	--	5	87*
SEP. 21, 1990	3	--	3	--	--	--	1	--	6	--	1	11
TOTAL U.S.	96	--	96	64	2	36	47	229	282	502	31	1,289
TOTAL U.S. Weeks Ended:												
OCT. 5, 1990	216	--	216	24	--	113	182	337	99*	382	229	1,582*
SEP. 28, 1990	480	--	480	78	2	89	337	307*	202	494	428	2,417*
SEP. 21, 1990	215	19	196	75	2	72	220	255	153	228	175	1,395
OCT. 13, 1989	156	--	156	100	43	91	590	296	228	242	165	1,911

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.
[2]Gasoline blending components are not included in total motor gasoline imports.
[3]Includes Grade No. 4 fuel oil.

* See Revisions on Page 8.

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.
Reported on a Port of Entry basis.
The Total of crude oil imports includes those from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Crude Supply Balance

Crude Supply Balance is the arithmetic difference, expressed in MB/D, between those factors that make up the availability of crude oil (Supply), i.e., estimated domestic crude oil production plus imports plus or minus the change in crude oil stocks, and those factors that convert or consume crude oil (Disposition), i.e., crude oil refinery inputs, exports, product supplied (used directly as fuel) and losses. A negative volume indicates a supply greater than disposition while a positive number indicates insufficient supply to balance.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but included shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorous per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Finance, Accounting and Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE, Petroleum Supply Annual.

ESTIMATED DAILY AVERAGE PRODUCTION OF CRUDE OIL AND LEASE CONDENSATE

(In thousands of 42-gallon barrels)

	API Estimated Production		Dept. of Energy
	SEPTEMBER 1990	AUGUST 1990E/	MAY 1990
Florida	14.0	15.0	17.0
New York-Pennsylvania	6.0	6.0	8.0
Virginia	0.0	0.0	0.0
West Virginia	4.0	4.0	6.0
Illinois	52.0	52.0	53.0
Indiana	7.0	7.0	8.0
Kansas	141.0	144.0	148.0
Kentucky	12.0	13.0	14.0
Michigan	52.0	53.0	55.0
Missouri-Tennessee	1.0	1.0	1.0
Nebraska	15.0	16.0	16.0
Ohio	22.0	24.0	25.0
Oklahoma	273.0	275.0	276.0
North Dakota	98.0	99.0	101.0
South Dakota	4.0	4.0	4.0
Alabama	48.0	50.0	52.0
Arkansas	24.0	25.0	29.0
Mississippi	72.0	73.0	73.0
New Mexico-So. East	162.0	162.0	168.0
New Mexico-Other	15.0	14.0	15.0
North Louisiana	56.0	57.0	58.0
South Louisiana	956.0	963.0	942.0
Total Louisiana	1,012.0	1,020.0	1,000.0
Texas			
District 1	93.0	83.0	69.0
District 2	46.0	46.0	47.0
District 3	185.0	192.0	196.0
District 4	60.0	60.0	64.0
District 5	30.0	29.0	29.0
District 6, East Texas	94.0	97.0	106.0
Other	75.0	76.0	85.0
District 7-B	75.0	86.0	87.0
District 7-C	77.0	77.0	80.0
District 8 and 8-A	1,003.0	1,003.0	1,013.0
District 9	73.0	77.0	77.0
District 10	39.0	39.0	40.0
Total Texas	1,850.0	1,865.0	1,893.0
Colorado	79.0	79.0	84.0
Montana	50.0	50.0	52.0
Utah	74.0	74.0	77.0
Wyoming	284.0	284.0	286.0
Total Districts 1-4	4,371.0	4,409.0	4,461.0
Alaska	1,673.0	1,759.0	1,765.0
Arizona	0.0	0.0	0.0
California	952.0	955.0	965.0
Nevada	8.0	9.0	11.0
Total District 5	2,633.0	2,723.0	2,741.0
TOTAL U.S.	7,004.0	7,132.0E/	7,202.0

E/ Revised: Data currently displayed are based on reported volumes from 39 producing companies. These volumes are estimated to represent 56.9% of lower 48 states production. When combined with reported Alaskan data, the sample represents 67.5% of total U.S. production in August.

API WEEKLY STATISTICAL BULLETIN
WEEK ENDED: OCT. 12, 1990

REVISIONS

9/28/90	PAGE 5		RESIDUAL FUEL	DISTRICT 5 TOTAL	38
				TOTAL U.S.	307
			TOTAL	DISTRICT 5 TOTAL	87
				TOTAL U.S.	2,417
10/05/90	PAGE 4	T	TOTAL CRUDE OIL IMPORTS	DISTRICTS 1-4 TOTAL	5,292
				TOTAL U.S.	5,543
			CRUDE OIL STOCKS	DISTRICTS 1-4 TOTAL	276,558
				TOTAL U.S.	349,495
	PAGE 4	B	TOTAL	PAD DISTRICT 3	176,007
				TOTAL PAD DISTRICTS 1-4	276,558
				TOTAL U.S.	349,495
	PAGE 5		L.P.G.	DISTRICTS 2-4 TOTAL	86
				TOTAL U.S.	99
			TOTAL	DISTRICTS 2-4 TOTAL	620
				TOTAL U.S.	1,582